



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 8247

SERIAL NUMBER 10/614,310	FILING OR 371(c) DATE 07/07/2003 RULE	CLASS 136	GROUP ART UNIT 1753	ATTORNEY DOCKET NO. PD-01-946/11827 (21797-00)
------------------------------------	---	---------------------	-------------------------------	---

APPLICANTS

Jerry R. Kukulka, Santa Clarita, CA;
 David E. Joslin, Valley Village, CA;

** CONTINUING DATA ***** No *TT*

** FOREIGN APPLICATIONS *****

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 09/30/2003

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 4	TOTAL CLAIMS 15	INDEPENDENT CLAIMS 2
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature <i>[Signature]</i> Initials <i>TT</i>				

ADDRESS

Carmen Santa Maria
 McNees Wallace & Nurick LLC
 100 Pine Street
 P.O. Box 1166
 Harrisburg, PA17108-1166

TITLE

Solar cell structure with solar cells having reverse-bias protection using an implanted current shunt

FILING FEE RECEIVED 750	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---